

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims Listing:

1. (Previously Presented) A portable device comprising:
an embedded system on a chip having a first interface and a second interface;
an embedded graphics controller to generate a first rendered graphics data to be displayed
on an integrated display, said embedded graphics controller having a first
interface coupled to the first interface of said embedded system on a chip and a
second interface coupled to the integrated display;
an embedded display interface to format a second rendered graphics data for output to a
first remote display, said embedded display interface having at least a first input
coupled to the second interface of said embedded system on a chip; and
wherein the embedded system on a chip includes a display controller used to generate
said second rendered graphics data and to provide said second rendered graphics
data to said embedded display interface.

2. (Canceled)

3. (Original) The portable device as in Claim 1, wherein:
said system on a chip provides non-rendered graphics data to said embedded graphics
controller; and
said embedded graphics controller generates said first rendered graphics data from said
non-rendered graphics data.

4. (Previously Presented) A portable device comprising:
an embedded system on a chip having a first interface and a second interface;
an embedded graphics controller to generate a first rendered graphics data to be displayed
on an integrated display, said embedded graphics controller having a first
interface coupled to the first interface of said embedded system on a chip and a
second interface coupled to the integrated display;

an embedded display interface to format a second rendered graphics data for output to a first remote display, said embedded display interface having at least a first input coupled to the second interface of said embedded system on a chip;
wherein said embedded graphics controller further includes a third interface to interface with a second input of said embedded display interface, and further wherein said embedded graphics controller is further used to provide said first rendered graphics data to said embedded display interface for display on a second remote display.

5. (Previously Presented) The portable device as in Claim 1, wherein said embedded graphics controller generates control signals used to control functionality associated with said embedded display interface.

6. (Original) The portable device as in Claim 1, wherein said integrated display includes a liquid crystal display.

7. (Original) The portable device as in Claim 1, wherein said embedded graphics display interface is coupled to said remote display.

8. (Original) The portable device as in Claim 1, wherein said embedded graphics display interface further includes one of a Video Graphics Adapter output interface.

9. (Original) The portable device as in Claim 1, wherein said embedded graphics display interface further includes a Transition Minimized Differential Signaling output interface.

10. (Original) The portable device as in Claim 1, wherein said embedded graphics display interface further includes a Low Voltage Differential Signaling output interface.

11. (Original) The portable device as in Claim 1, wherein said first rendered graphics data is different from said second rendered graphics data.

12. (Previously Presented) The portable device as in Claim 1, wherein said embedded display interface is capable of being disabled to conserve power.

13. (Previously Presented) A system comprising:

a processor to receive a first and a second set of graphics data;

an output data bus for providing the first set of graphics data to an external graphics

controller, said external graphics controller to generate a first rendered graphics data associated with the first set of graphics data provided using the output data bus;

a graphics controller to:

generate a second rendered graphics data based on the second set of graphics data;
and

provide the second set of rendered graphics data to an external display interface;
and

a memory controller having a first port coupled to said graphics controller and a second port coupled to system memory, said memory controller to provide said graphics controller access to system.

14. (Original) The system as in Claim 13, wherein said graphics controller includes a liquid crystal display controller.

15. (Original) The system as in Claim 13, wherein said external graphics controller provides said first set of rendered graphics data to an integrated display.

16. (Original) The system as in Claim 15, wherein said integrated display includes a liquid crystal display.

17. (Original) The system as in Claim 13, wherein said first and second set of rendered graphics data is associated with an application processed with said processor.

18. (Original) The system as in Claim 13, wherein said system includes a portable device.

19. (Original) The system as in Claim 13, wherein said external display interface formats said second set of rendered graphics data for a remote display.

20. (Original) The system as in Claim 13, wherein said output data bus further used to provide control data associated with display settings of said external display interface.

21. (Previously Presented) A method comprising the steps of:
receiving, at a system on a chip, a first set of graphics data and a second set of graphics data;
providing the first set of graphics data to an external graphics controller, wherein the external graphics controller generates a first set of rendered graphics data associated with the first set of graphics data;
processing, at the system on a chip, the second set of graphics data to generate a second set of rendered graphics data; and
providing the second set of rendered graphics data to a display interface.

22. (Original) The method as in Claim 21, wherein the external graphics controller provides the first set of rendered graphics data to an integrated display.

23. (Original) The method as in Claim 22, wherein the integrated display further includes a liquid crystal display screen.

24. (Original) The method as in Claim 23, wherein the integrated display further includes a thin film transistor screen.

25. (Original) The method as in Claim 21, wherein the display interface is used to provide the second set of rendered graphics data to a remote display.

26. (Original) The method as in Claim 25, wherein the remote display includes a video graphics adapter display.

27. (Original) The method as in Claim 25, wherein the remote display includes a Transition Minimized Differential Signaling display.

28. (Original) The method as in Claim 25, wherein the remote display includes a Low Voltage Differential Signaling display.

29. (Original) The method as in Claim 21, wherein the first set of rendered graphics data is different from the second set of rendered graphics data.

30. (New) A method comprising:

in a first mode of operation:

rendering a first set of graphics data at a graphics controller embedded in a portable device; and

providing the rendered first set of graphics data to an LCD integrated with the portable device; and

in a second mode of operation:

rendering a second set of graphics data at the graphics controller embedded in the portable device;

providing the second set of graphics data to the LCD integrated with the portable device; and

providing a third set of graphics data to a graphics controller external to the portable device for rendering and display at a display external to the portable device.

31. (New) A portable device comprising:

an integrated LCD;

a system on a chip comprising:

means for rendering a first set of graphics data;

a first output operably coupled to a display interface, the first output operable to provide the rendered first set of graphics data to the display interface for display on a display device external to the portable device; and

a second output operable to provide a second set of graphics data;

a video controller comprising:

an input operably coupled to the second output of the system on a chip to receive

the second set of graphics data;

means for rendering the second set of graphics data; and

an output operably coupled to the integrated LCD to provide the rendered second set of graphics data for display on the integrated LCD.